

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: _____ Examiner #: _____ Date: _____
 An Unit: _____ Phone Number 30 _____ Serial Number: _____
 Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

STAFF USE ONLY

Searcher: Q. Kline - Early
 Searcher Phone #: 308-4501
 Searcher Location: Biotech Lab.
 Date Searcher Picked Up: 8/13/01
 Date Completed: 8/14/01
 Searcher Prep & Review Time: _____
 Clerical Prep Time: 3 min
 Online Time: 2 min

Type of Search

NA Sequence (#) 1
 AA Sequence (#) _____
 Structure (#) _____
 Bibliographic _____
 Litigation _____
 Fulltext _____
 Patent Family _____
 Other _____

Vendors and cost where applicable

STN _____
 Dialog _____
 Questel/Orbi: _____
 Dr. Link _____
 Lexis/Nexis _____
 Sequence Systems ABSS03
 WWW/Internet _____
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STIC-Biotech/ChemLib

48803

From: Gansheroff, Lisa
Sent: Monday, August 13, 2001 10:21 AM
To: STIC-Biotech/ChemLib
Subject: sequence search 09/582779

09/582779

Please search the issued patent and pending patent (interference) databases for SEQ ID NO:1.

Thanks!

Lisa Gansheroff
AU 1636
11D03
605-1203

RECEIVED
AUG 13 2001
STIC

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: August 13, 2001, 16:08:15 ; Search time 83.11 Seconds
(without alignments)
3143.417 Million cell updates/sec

Title: US-09-582-779A-1
Perfect score: 1380
Sequence: 1 ctgcgacacatcattggaag.....aataatgacgttgaattc 1380

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Archived: 324599 seqs, 94655562 residues

Total number of hits satisfying chosen parameters: 649198

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA: *
1: /cgn2_6/ptodata/2/lna/5A.COMB.seq: *
2: /cgn2_6/ptodata/2/lna/5B.COMB.seq: *
3: /cgn2_6/ptodata/2/lna/6A.COMB.seq: *
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5: /cgn2_6/ptodata/2/lna/PCTUS.COMB.seq: *
6: /cgn2_6/ptodata/2/lna/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	370.4	26.8	2330	2	US-08-557-128-3
2	357	25.9	5181	3	US-08-801-344-5
3	356	25.8	4164	1	US-08-204-675-1
4	356	25.8	4164	2	US-08-660-754-1
5	356	25.8	4164	2	US-08-796-364-1
6	356	25.8	4164	5	PCT-US95-02520-1
7	356	25.8	4933	1	US-08-204-675-2
8	356	25.8	4933	2	US-08-660-754-2
9	356	25.8	4933	2	US-08-796-364-2
10	356	25.8	4933	5	PCT-US95-02520-2
11	356	25.8	7102	3	US-09-138-024-20
12	356	25.8	7333	3	US-09-138-024-21
13	356	25.8	7633	3	US-09-028-851-1
14	356	25.8	7633	3	US-08-815-520-1
15	356	25.8	7633	4	US-09-773-163-1
16	352.8	25.6	1115	1	US-08-507-455-5
17	349	25.3	1220	6	5204252-1
18	336.4	24.4	906	6	5204252-3
19	289.4	21.0	2688	1	US-08-088-633-3
20	289.4	21.0	2688	1	US-08-245-756-3
21	289.4	21.0	2688	1	US-08-441-750-3
22	289.4	21.0	2688	2	US-08-441-751-3
23	289.4	21.0	2688	5	PCT-US92-02521-3
24	115.2	8.3	1517	4	US-08-981-729-7
25	115.2	8.3	8533	1	US-07-846-181-6
26	115.2	8.3	8533	1	US-07-845-989-6
27	41.6	3.0	796	4	US-08-998-416-467

C 28	39.4	2.9	7218	1	US-08-232-463-14	Sequence 14, Appl
C 29	38.4	2.8	1931	2	US-09-130-114-2	Sequence 2, Appl
C 30	38.2	2.8	2779	3	US-08-482-677-5	Sequence 5, Appl
C 31	38.2	2.8	2783	1	US-08-152-019A-41	Sequence 41, Appl
C 32	36.6	2.7	43280	2	US-08-804-227C-1	Sequence 1, Appl
C 33	36	2.6	24417	2	US-08-846-762-1	Sequence 1, Appl
C 34	35.8	2.6	20235	1	US-07-642-734C-3	Sequence 3, Appl
C 35	35.8	2.6	20235	3	US-08-439-009A-3	Sequence 3, Appl
C 36	35.4	2.6	1182	1	US-08-241-943-23	Sequence 23, Appl
C 37	35.4	2.6	1431	1	US-08-254-357-1	Sequence 1, Appl
C 38	35.4	2.6	2327	6	5229279-5	Sequence 1, Appl
C 39	35.4	2.6	2327	6	5512669-5	Sequence 1, Appl
C 40	35.4	2.6	4983	1	US-08-472-358-1	Sequence 1, Appl
C 41	35.4	2.6	4983	5	PCT-US92-05786A-1	Sequence 1, Appl
C 42	35.4	2.6	4984	1	US-08-687-806-1	Sequence 1, Appl
C 43	35.2	2.6	2184	4	US-09-307-265A-2	Sequence 2, Appl
C 44	35.2	2.6	3061	1	US-08-700-576-1	Sequence 1, Appl
C 45	34.8	2.5	1068	4	US-09-000-064-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-08-557-128-3
; Sequence 3, Application US/08557128
; Patent No. 5849524
; GENERAL INFORMATION:
; APPLICANT: KONDO, Keiji
; APPLICANT: KAWIWARA, Susumu
; TITLE OF INVENTION: MISAWA, NO. 58495241hko
; TITLE OF INVENTION: TRANSFORMATION SYSTEMS FOR THE YEAST
; TITLE OF INVENTION: CANDIDA UTILIS AND THE EXPRESSION OF HETEROLOGOUS GENES
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 R Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/557,128
; FILING DATE: 25-JAN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/JP95/01005
; FILING DATE: 25-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 7-129287
; FILING DATE: 28-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 6-285823
; FILING DATE: 26-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 6-135015
; FILING DATE: 25-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 49441/108
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:

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?
? LENGTH: 2330 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: double
? TOPOLOGY: linear
?
? FEATURE:
? NAME/KEY: CDS
? LOCATION: 1259..2059
?
? FEATURE:
? NAME/KEY: mat_peptide
? LOCATION: 1259..2059
JS-08-557-128-3
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Query Match	26.88;	Score 370.4;	DB 2;	Length 2330;
Best Local Similarity	57.59;	Prod No	48-101.	

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RESULT 2
US-08-801-344-5/c
; Sequence 5, Application US/08801344

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1 Patent No.6087140
2
3 GENERAL INFORMATION:
4
5 APPLICANT: Cameron, Douglas C.
6
7 APPLICANT: Shaw, Anita J.
8
9 APPLICANT: Altas, Nedim E.
10
11 TITLE OF INVENTION: MICROBIAL PRODUCTION OF 1,2-PROPANEDIOL
12
13 TITLE OF INVENTION: FROM SUGAR
14
15 NUMBER OF SEQUENCES: 11
16
17 CORRESPONDENCE ADDRESS:
18
19 ADDRESSEE: Dewitt Ross & Stevens S.C.
20
21 STREET: 8000 Excelsior Drive, Suite 401
22
23 CITY: Madison
24
25 STATE: WI
26
27 COUNTRY: U.S.A.
28
29 ZIP: 53717-1914
30
31 COMPUTER READABLE FORM:
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33 MEDIUM TYPE: Floppy disk
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35 COMPUTER: IBM PC Compatible
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37 OPERATING SYSTEM: PC-DOS/MS-DOS
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39 SOFTWARE: PatentIn Release #1.0, Version #1.30
40
41 CURRENT APPLICATION DATA:
42
43 APPLICATION NUMBER: US/08/801,344
44
45 FILING DATE:
46
47 CLASSIFICATION: 435
48
49 ATTORNEY/AGENT INFORMATION:
50
51 NAME: Sara, Charles S.
52
53 REFERENCE/DOCKET NUMBER: 09820.037
54
55 TELECOMMUNICATION INFORMATION:
56
57 TELEPHONE: 608-831-2100
58
59 TELEFAX: 608-831-2106
60
61 INFORMATION FOR SEQ ID NO: 5:
62
63 SEQUENCE CHARACTERISTICS:
64
65 LENGTH: 5181 base pairs
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67 TYPE: nucleic acid
68
69 STRANDEDNESS: single
70
71 TOPOLOGY: circular
72
73 MOLECULE TYPE: DNA (genomic)
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75 HYPOTHETICAL: NO
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77 ANTI-SENSE: NO
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79 ORIGINAL SOURCE:
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81 ORGANISM: Yeast shuttle vector YEP352
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83 US-08-801-344-5

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RESULT 3
 US-08-204-675-1
 Sequence 1, Application US/08204675
 Patent No. 5677170
 GENERAL INFORMATION:
 APPLICANT: Devine, Scott E.
 APPLICANT: Boeke, Jef D.
 APPLICANT: Bralerman, Lellia T.
 TITLE OF INVENTION: In Vitro Transposition of Artificial
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Banner, Birch, McKie, and Beckett
 STREET: 1001 G Street, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.A.
 ZIP: 20001
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/204,675
 FILING DATE: 02-MAR-1994
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Kagan, Sarah A.
 REGISTRATION NUMBER: 32,141
 REFERENCE/DOCKET NUMBER: 01107, 45501
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202,508,9299
 TELEFAX: 202,508,9100
 TELEX: 197430 BMB UT
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:

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      : LENGTH: 4164 base pairs
      : TYPE: nucleic acid
      : STRANDEDNESS: double
      : TOPOLOGY: circular
      : MOLECULE TYPE: DNA (genomic)
      : HYPOTHETICAL: NO
      : ANTI-SENSE: NO
      : IMMEDIATE SOURCE:
      : CLONE: PAT-1
      : US-08-204-675-1
  
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      Query Match      25.8%; Score 356; DB 1; Length 4164;
      Best Local Similarity 65.5%; Pred. No. 1,2e-96;
      Matches 521; Conservative 0; Mismatches 275; Indels 0; Gaps 0;
  
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RESULT 4
US-08-660-754-1
: Sequence 1, Application US/08660754
: Patent No. 5843772
: GENERAL INFORMATION:
: APPLICANT: Devine, Scott E.
: APPLICANT: Boeke, Jef D.
: APPLICANT: Bratlerman, Lelita T.
: TITLE OF INVENTION: In Vitro Transposition of Artificial
: NUMBER OF SEQUENCES: 7
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Banner, Birch, McKie, and Beckett
: STREET: 1001 G Street, N.W.
: CITY: Washington
: STATE: D.C.
: COUNTRY: U.S.A.
: ZIP: 20001
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/660,754
: FILING DATE:
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/204,675
: FILING DATE: 02-MAR-1994
: ATTORNEY/AGENT INFORMATION:
: NAME: Kagan, Sarah A.
: REGISTRATION NUMBER: 32,141
: REFERENCE/DOCKET NUMBER: 01107,45501
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 202,508,9100
: TELEFAX: 202,508,9299
: TELEX: 197430 BBMB UT
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 4164 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: circular
: MOLECULE TYPE: DNA (genomic)
: HYPOTHEICAL: NO
: ANTI-SENSE: NO
: IMMEDIATE SOURCE:
: CLONE: PAT-1
: US-660-754-1

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Query Match 25.8%; Score 356; DB 2; Length 4164;
 Best Local Similarity 65.5%; Pred. No. 1.2e-96;
 Matches 521; Conservative 0; Mismatches 275; Indels 0; Gaps 0;

DB 209 cagtgacgaagaatcttaacgagaagaagggcgaagcacaaaltcgccagttgtagaa 268
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896 TACTGAGATATACTAAGAGGTACTGTGACATTTGCGAAGACGCAAAAGATTTGTTAT 955
749 cgaggtcatcgcgcgcgctgacatgagtgagcgctgacagagccttgactgctacat 808
956 CGGCTTATTTGCTCAAGAGACATGGGTGAGAGATGAGGTTACGATTTGTTGATTTAT 1015
809 gaccccgagggttgctgacgacgaagaagcgagcctgggcccagcagttaccgacg 868
1016 GACACCCGGTGTGGTTTATGATGACAGAGACACCATTTGGTCAACGATATAGACCGT 1075
869 ggaatgagtcgacgacgacgacgacgacgacgacgacgacgacgacgacgacgac 928
1076 GGATGATGTGCTCTACAGATCTGACATTTATTTGTTGGAAGACGACATTTGCAAA 1135
929 gggagaagagcccaaggttcgaaggtgcccgtctacgcaagcggttgagggtctact 988
1136 GGAAGAGGATGCTAAGGTAGAGAGGTAAGTACGAAAGACAGGCTGGAAGCATATTT 1195
989 ggcgcgctatgggagag 1004
DB 1196 GAGAAGATGCGGCGCAG 1211

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RESULT 5
 US-08-796-364-1
 : Sequence 1, Application US/08796364
 : Patent No. 5968785
 : GENERAL INFORMATION:
 : APPLICANT: Devine, Scott E.
 : APPLICANT: Boeke, Jef D.
 : APPLICANT: Bratlerman, Lelita T.
 : TITLE OF INVENTION: In Vitro Transposition of Artificial
 : NUMBER OF SEQUENCES: 7
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Banner, Birch, McKie, and Beckett
 : STREET: 1001 G Street, N.W.
 : CITY: Washington
 : STATE: D.C.
 : COUNTRY: U.S.A.
 : ZIP: 20001
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: Patentin Release #1.0, Version #1.25
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/796,364
 : FILING DATE:
 : CLASSIFICATION:
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: US 08/204,675
 : FILING DATE: 02-MAR-1994
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Kagan, Sarah A.
 : REGISTRATION NUMBER: 32,141

REFERENCE/DOCKET NUMBER: 01107.45501
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202.508.9100
TELEFAX: 202.508.9299
TELEX: 197430 BBMB UT
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4164 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
HYDROTHERMAL: NO
ANTI-SENSE: NO
IMMEDIATE SOURCE:
CLONE: PAT-1
US-08-976-364-1

Query Match	25.8%	Score 356;	DB 2;	Length 4164;
Best Local Similarity	65.5%	Pred. NO. 1.2e-96;		
Matches 521; Conservative	0;	Mismatches 275;	Indels 0;	Gaps 0

OY	209	caatcaacggaaatcttaacgcaagaagggccaagcaccacaatctgcaggtctgaagaa	268
Db	416	catgtcgaanaactcattatataaggaacgtctgctactcattaccttgaagtcctgttcacca	475
OY	269	gcttcgtgcattga tgcacgagaagaanaaccaa tctcgtccttcctctga tgcgcagc	328
Db	476	gctattttaaattcattgcacgcaaaaagcaaaacaaattgtgtgcatttgatgttgcgtac	535
OY	329	gtctagaagaagctctctgaagcttagcagacacgcgtcggagacgcaattgtctctctgaagc	388
Db	536	caccagaagaatttactgtgaggttagttgaagatttgaagctcccaaaatttgtttacttaaaac	595
OY	389	acatctgcacatactgcagagcattcgcacatcgcagacagacagatcaagccgtcagcagact	448
Db	596	acattgtgatattctttgactgatttttccattgcagagccacagatttaacgccgttaagccatt	655
OY	449	tgcggtctaaagcaaaactcatalgatactctcgaagacgcgaag tctcgtcgaacttgcgaacac	508
Db	656	atcccccaagatcacaaatttttttaccttcttcgaagacagaaaatttgctgacatttggtatac	715
OY	509	ggttaagctgcgaagtaacctccctccggtcgtatccgtatctcggagtgggcgagatactaca	568
Db	716	actcaaatggcagatnactctgcgggtgattatcacgaattgacgaattggcgcacactttacgaa	775
OY	569	tgcacagcgcgctcacacggccccgggtgtgataagccgggctgaagaggagctgcgaacttgc	628
Db	776	ttccacacagctgtggggggccagagattattgttagcggtttgaacacagcgcgacamaaagt	835
OY	629	ctccacagaagacccgggggtgtcgtcgtatgctgcgaagctctctctctcgaagcctcttgc	688
Db	836	aacaaaggaaccttgaagcccttttgatgttatgacgaattgttcattcgaacgaagggctccctatc	895
OY	689	gcccggagacataccgcgggcgtcgtltgaatbtgcgaagtctgcagcgaagaacttctgata	748
Db	896	ttactggagataatctaaagggtactggttgcacattggcagacggcagacaaatgtttgattat	955
OY	749	cgggtctcatcgcgcgcagctgcacattgggttggcgctgcgaacggccttgaactcgtctcatcat	808
Db	956	cggctttttatttgctcaaaagacatagggtgcgaagagattgaaggtttacattgggtgatttat	101
OY	809	gaccccgggggtcttgcctcgcagacgaagaaggagacggcctctggccagagctaacgcgcgt	868
Db	1016	gacacccgggtgtgggtttacgatgacaaaggagacgcatttggtgtcacagtatagAACCGT	107
OY	869	ggatlgagtgctgcagcgaacggttacccagatgtgatactatttgcagaggaggtcctctgacaa	928
Db	1076	ggatgtgctgtctctacagagatcgcacattattattgttggaagacgacattatttgcAAA	113
OY	929	gggaagagaagccccaaagctcgaaggttgcgccgtctacgcgaagccggttgcgaaggttaact	988

Db 1136 GGGAGGAGATGCTAAGTAAAGGGTACAGCTTACACAAAAGCAGCGTGGAGCATATTT 1195

QY 989 gcgcgcgatctggcgag 1004

Db 1196 GAGAAAGATGGCGCCAG 1211

RESULT 6
PCT-US95-02520-1
Sequence 1, Application PC/TUS9502520
GENERAL INFORMATION:
APPLICANT: The Johns Hopkins University
TITLE OF INVENTION: In Vitro Transposition of Artificial
TITLE OF INVENTION: Transposons
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner, Birch, Mckie, and Beckett
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/02520
FILING DATE: 02-MAR-1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 01107.49245
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202.508.9100
TELEFAX: 202.508.9299
TELEX: 197430 BBMB UT
SEQUENCE CHARACTERISTICS:
INFORMATION FOR SEQ ID NO: 1:
LENGTH: 4164 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
IMMEDIATE SOURCE:
CLONE: PAT-1
PCT-US95-02520-1

Query Match	25.88;	Score 356;	DB 5;	Length 4164;
Best Local Similarity	65.58;	Pred. No. 1.2e-96;		
Matches 521; Conservative	0;	Mismatches 275;	Indels 0;	Gaps 0

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Db	416	catgttcgaaagctacattttaaaggaaacgctgcgtactcattcgtctctgttcgccaa	475
Oy	269	gcttcctgcacattgacgcaggaagaanaaaccaatctcgcgtctccctctgatgtcgagac	328
Db	476	gctatttttatatcatcagtcacgaaagaaacaaacaaacttgcgtctcatttggattgtcctac	535
Oy	329	gltcgaagaagctctcgtgagctagcagacacgcctgggacgcgcacatttgtctgc--ggaagac	388
Db	536	caaccagagatttactcagtagatttgaagcatttggctcccaaaattttgtttacccaataaac	595
Oy	389	aacatctgcacatactgcagagcctctgcacatctgagacagacatctcaagcgcgtctgcagcct	448
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: TITLE OF INVENTION: REGULATED GENE EXPRESSION IN YEAST
: - FILE REFERENCE: 0342/1D4690S1
: CURRENT APPLICATION NUMBER: US/09/138,024A
: CURRENT FILING DATE: 1998-08-21
: EARLIER APPLICATION NUMBER: 60/056,719
: EARLIER FILING DATE: 1997-08-22
: NUMBER OF SEQ ID NOS: 24
: SOFTWARE: FASTSEQ for Windows Version 3.0
: SEQ ID NO 21
: LENGTH: 7333
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Plasmid pzm197
: US-09-138-024-21

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Query Match      25.8%; Score 356; DB 3; Length 7333;
Best Local Similarity 65.5%; Pred. No. 1.6e-96;
Matches 521; Conservative 0; Mismatches 275; Indels 0; Gaps 0;

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269 gctctggtcattgtagcaagaagaacacacatctgcagctgtagaa 328
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6105 gctatttaattatctgtagcaagaagaacacacatctgcagctgtagaa 6164
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329 gctcaagaagctctgtagcaagaagaacacacatctgcagctgtagaa 388
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6165 caccagaagaatctgtagcaagaagaacacacatctgcagctgtagaa 6224
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389 acatgtcgaatctgtagcaagaagaacacacatctgcagctgtagaa 448
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6225 acatgtcgaatctgtagcaagaagaacacacatctgcagctgtagaa 6284
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6285 atccgcaagaatctgtagcaagaagaacacacatctgcagctgtagaa 6344
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6345 agtcaagaatctgtagcaagaagaacacacatctgcagctgtagaa 6404
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629 ctcaagaagaacacacatctgtagcaagaagaacacacatctgcagctgtagaa 688
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6465 aacaaagaagaacacacatctgtagcaagaagaacacacatctgcagctgtagaa 6524
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6525 tgcagaagaagaacacacatctgtagcaagaagaacacacatctgcagctgtagaa 6584
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809 gaacccgggtctgtagcaagaagaacacacatctgtagcaagaagaacacacatctgcagctgtagaa 868
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6645 gaacccgggtctgtagcaagaagaacacacatctgtagcaagaagaacacacatctgcagctgtagaa 6704
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869 gtagtagctgtagcaagaagaacacacatctgtagcaagaagaacacacatctgcagctgtagaa 928
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6765 gtagtagctgtagcaagaagaacacacatctgtagcaagaagaacacacatctgcagctgtagaa 6824
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QY 989 gctccgtagtagcgag 1004
Db 6825 gagaagatgtagcgag 6840

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RESULT 13

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US-09-028-851-1/c
: Sequence 1, Application US/09028851
: Patent No. 6060249
: GENERAL INFORMATION:
: APPLICANT: Kevin Baker, Austin Gurney
: TITLE OF INVENTION: Method of Selection for Genes Encoding
: TITLE OF INVENTION: Secreted and Transmembrane Proteins
: NUMBER OF SEQUENCES: 3
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Genentech, Inc.
: STREET: 1 DNA Way
: CITY: South San Francisco
: STATE: California
: COUNTRY: USA
: ZIP: 94080
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Winpatin (Genentech)
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/028,851
: FILING DATE: 26-Feb-1998
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 60/039476
: FILING DATE: 27-Feb-1997
: ATTORNEY/AGENT INFORMATION:
: NAME: Svoboda, Craig G.
: REGISTRATION NUMBER: 39,044
: REFERENCE/DOCKET NUMBER: P1058R1
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 650/225-1489
: TELEFAX: 650/352-9881
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 7633 base pairs
: TYPE: Nucleic Acid
: STRANDEDNESS: Single
: TOPOLOGY: Linear
: US-09-028-851-1

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Query Match      25.8%; Score 356; DB 3; Length 7633;
Best Local Similarity 65.5%; Pred. No. 1.6e-96;
Matches 521; Conservative 0; Mismatches 275; Indels 0; Gaps 0;

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209 catgtcaacgaatcttaacgcaagaagccacacacatctgcagctgtagaa 268
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3768 catgtcaacgaatcttaacgcaagaagccacacacatctgcagctgtagaa 3709
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269 gctctggtcattgtagcaagaagaacacacatctgcagctgtagaa 328
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3708 gctctggtcattgtagcaagaagaacacacatctgcagctgtagaa 3649
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329 gctcaagaagctctgtagcaagaagaacacacatctgcagctgtagaa 388
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3648 gctcaagaagctctgtagcaagaagaacacacatctgcagctgtagaa 3589
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389 acatgtcgaatctgtagcaagaagaacacacatctgcagctgtagaa 448
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3588 acatgtcgaatctgtagcaagaagaacacacatctgcagctgtagaa 3529
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3528 atccgcaagaatctgtagcaagaagaacacacatctgcagctgtagaa 3469
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QY	509	ggttaagctgcaagtaaccctcccgccgctgtaaccgtatccggaggttgaggcgatataccaa	568
Db	3468	ACTCAATTAATTCAGTACTCTCGGGGTGTATACAAATAACGAGATGGCCAGACATATACAA	3409
QY	569	tgcacacgagcgctcaaccgcgcgcgctgtgtaatacgcggcctgaagaaagctgcgaacctggc	628
Db	3408	TGCACACGGTGTGGTGGGCCAGGTATTTGTTTACCGCTTTGMAACAGCGCGCAGAAAGACT	3349
QY	629	ctcacaggaaccccaagggtgtgtcgtatgctgtgcagaagctctctctctcaaggctctctggc	688
Db	3348	AACAAGCAACCTTAGAGCGCTTTTGTGATGTTAGCAGCAATTTGTCATGCAAGCGCTCCCTATC	3289
QY	689	gcgcggagacatcatccgcggcgctgcgttgtaaatgtgcgaagcctgcgaagaaactctgtgat	748
Db	3288	TACTGGACAATAATCTAAAGGCTACTGTTGTGACATTTGCCAATGGCAAGACGACAAAGATTTGTAT	3229
QY	749	cgggtctcatcgcgcagcgtgtacaatggagtgaggcgctgcagaacgctctgtactgtgctcaat	808
Db	3228	CGGCTTTATTTCTCTAAAGACACATGGGTGTGACAGATGAAAGTTACGATTTGGTTATATAT	3169
QY	809	gaaccgcggggcttggccttgacgacaaagaaggagcgcctcgggcccagcaagtaaccgacgct	868
Db	3168	GACACCCCGGTGTGGTGTATGATGACAAAGGAGACGCAATTTGGTCAACAAGTATAGAACCGT	3109
QY	869	ggatgtgaggttcgtcagcgaaagctacgaatgtatcaatctgttcagagaaggtcctttgacaa	928
Db	3108	GGATGATGTGGTCTCTACAGCAATCTGCATATATATATTTGGAAAGAGCACTATTTTGCCAAA	3049
QY	929	gggaagagaaccccaaggttcgaaggttcaccgctacacgcgcgaagggccggtttggagagcttact	988
Db	3048	GGGAAGGATGCTTAAGTAAAGGGGTGACGCTTACAGAAAAGCAGCGCTGGAGACATATTT	2989
QY	989	gcgcgcgtatgggcgag 1004	
Db	2988	GAGAAAGATCGCGCAG 2973	
RESULT 14			
US-08-815-520-1/c			
: Sequence 1, Application US/08815520A			
: Patent No. 6136569			
: GENERAL INFORMATION:			
: APPLICANT: Kevin Baker, Austin Gurney			
: TITLE OF INVENTION: Method of Selection for Genes Encoding Secreted and			
: FILE REFERENCE: P1058			
: CURRENT APPLICATION NUMBER: US/08/815,520A			
: CURRENT FILING DATE: 1997-02-27			
NUMBER OF SEQ ID NOS: 3			

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; NUMBER OF SEQ ID NOS: 3
; SEQ ID NO 1
; LENGTH: 7633
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; NAME/KEY: Artificial Sequence
; LOCATION: 1-7633
; OTHER INFORMATION: Amylase yeast expression plasmid
US-08-815-520-1

Query Match          25.8%; Score 356; DB 3; Length 7633;
Best Local Similarity 65.5%; Pred. No. 1.6e-96;
Matches 521; Conservative 0; Mismatches 275; Indels 0; Gaps 0.

Qy 209 catgtcaacgaattcttcgcgcagaaaggccaaagcacacaattcgcgcagtgtcgtaga 268
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Db 3768 CATGTCTCGAAGCTACATATTAAGCAACGTGCTCTACTCATCTCACTGCTGTGCACAA 3709

Qy 269 gctcttgccatgtgcgcgcagaaagaaacccaattctcgcgttccttcgtatgtcgcgac 328
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Db 3708 GCTATTATATATCATGACGACGAAAGCAACCAACTTGTTGCTTATTGATGGATTCGTAC 3649

Qy 329 gctctgaagaagcttcgcgcgtcgcgcagacacgcgtcggaaccgcacattgtctcgtagaag 388

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[illegible]

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RESULT 15
US-09-273-163-1/c
: Sequence 1, Application US/09273163A
: Patent No. 6228590
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin
: TITLE OF INVENTION: Improved Method of Selection for Genes Encoding Secreted
: TITLE OF INVENTION: and Transmembrane Proteins
: FILE REFERENCE: P1271R1
: CURRENT APPLICATION NUMBER: US/09/273.163A
: EARLIER FILING DATE: 1998-03-19
: EARLIER APPLICATION NUMBER: US 60/079,010
: EARLIER FILING DATE: 1998-03-23
: NUMBER OF SEQ ID NOS: 10
: SEQ ID NO 1
: LENGTH: 7633
: TYPE: DNA
: ORGANISM: Artificial
: FEATURE:
: NAME/KEY: Artificial Sequence
: LOCATION: 1-7633
: OTHER INFORMATION: ./note-plasmid pSST-AMY.1
US-09-273-163-1

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